

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1609 | (charge adj generat\$4) and (charge adj accumulat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 14:29 |
| S2 | 850 | (charge adj generat\$4) and (charge adj accumulat\$4) and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 14:29 |
| S3 | 863 | (charge adj generat\$4) and (charge adj accumulat\$4) and semiconductor and pixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:30 |
| S4 | 74 | (charge adj generat\$4) and (charge adj accumulat\$4) and semiconductor and pixel and photodetector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:32 |
| S5 | 66 | (charge adj generat\$4) and (charge adj accumulat\$4) and semiconductor and pixel and photodetector and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 15:32 |
| S6 | 1319 | (charge adj generat\$4) and (charge adj accumulat\$4) and semiconductor and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:40 |
| S7 | 578 | S6 and imaging | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:40 |
| S8 | 622 | S6 and (imaging or photodetector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:48 |
| S9 | 732 | S6 and pixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:40 |

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| S10 | 452 | S8 and pixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:41 |
| S11 | 276 | S10 and (charge near transfer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:42 |
| S12 | 52 | S10 and (charge near3 transfer) and (charge near3 eliminat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 15:08 |
| S13 | 58 | S6 and imaging and photodetector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 14:48 |
| S14 | 29 | S10 and (charge near3 transfer) and (charge adj3 eliminat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 15:08 |
| S15 | 2968 | ((charge adj generat\$4) or photodiode) and ((charge adj accumulat\$4) or photodetector) and semiconductor and pixel and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 15:33 |
| S16 | 317 | S15 and ((charge adj eliminat\$4) or (potential adj barrier)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 15:33 |
| S17 | 138 | S16 and switch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/16 16:10 |
| S18 | 833 | (348/308,310).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 16:10 |
| S19 | 0 | ("l18and(potentialadjbarrier)").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 16:10 |

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| S20 | 52 | S18 and (potential adj barrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 16:11 |
| S21 | 23 | S18 and (charge near4 eliminat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 16:11 |
| S22 | 763 | S18 and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:21 |
| S23 | 45 | S22 and S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/16 16:12 |
| S24 | 112 | S18 and photodiode and photodetector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 08:18 |
| S25 | 833 | (348/308,310).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 08:18 |
| S26 | 15 | S25 and (lateral adj overflow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 08:20 |
| S27 | 112 | S25 and photodiode and photodetector | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 08:20 |
| S28 | 5 | S27 and S26 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 08:41 |
| S29 | 99 | S25 and blooming | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:00 |

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| S30 | 2 | ("6051857").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:11 |
| S31 | 4093 | (257/222,223,230,291,292,443,444, 445,e27.133,e27.139).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:12 |
| S32 | 524 | (257/222).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:13 |
| S33 | 362 | (257/223).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:13 |
| S34 | 1382 | (257/223,230,445,292,e21.139). CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:43 |
| S35 | 697 | S34 and photodiode | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:43 |
| S36 | 340 | S35 and MOS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:21 |
| S37 | 319 | S36 and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:44 |
| S39 | 104 | S37 and (charge with accum\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:44 |
| S40 | 786 | (257/292).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:43 |

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| S41 | 619 | (257/223,230,445,e21.139).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:43 |
| S42 | 191 | S41 and photodiode | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:43 |
| S43 | 191 | S42 and (@ad<"20040211" or @rlad<"20040211") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 09:44 |
| S44 | 81 | S43 and (charge with accum\$8) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/19 10:24 |
| S49 | 14 | ("4942474" "5043783" "5172249" "5471515" "5625210" "5844264" "5847381" "5942774" "5962882").PN. OR ("6188093").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 09:22 |
| S50 | 2 | ("6051857").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/20 09:22 |
| S51 | 28 | ("4630091" "5808333" "5872371").PN. OR ("6051857"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 09:23 |
| S52 | 5 | ("6051857" "6423958" "6448596" "6476371" "6504194").PN. OR ("6914228"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 09:25 |
| S53 | 4 | ("6051857").PN. OR ("6476371"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/20 10:19 |